



## On the Water Front

Recently, Tucson Water announced new enforcement and a tougher water waste ordinance - particularly for water running off

landscaped areas and into streets.

Our "Water Cops" will be on patrol and water wasters will be ticketed and asked to attend a class on proper water use.

It's a fact that water conservation remains an important issue in our community. We must work together to solve this problem of water waste. We have a tough summer ahead and our new water supply, groundwater blended with recharged Colorado River water, will not be available until 2001.

Reclaimed water is also a vital part of our water solution for Tucson. Reclaimed water is wastewater that has been treated so it can be used to irrigate grass and other vegetation. I've mentioned before that many City parks and all city golf courses use reclaimed water now. We are doing all we can to convince golf courses that are still using groundwater to switch to our reclaimed system and we've developed a plan for expanding reclaimed use into the new century.

Water bonds, which will be put before the voters in May, will allow us to increase the size of our reclaimed water system by more than 30%, add many new reclaimed customers, and save millions of gallons of groundwater.

Water conservation and use of reclaimed water are two of the most important ways we can stretch our water resources so that there's enough to go around.

David V. Modeer  
Director, Tucson Water

# Your Water Connection

News & Tips for Tucson Water Customers

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January 2000

<http://www.ci.tucson.az.us/water/>

—Warning to Water Wasters

## Future Holds More “Water Cops” and a Tougher Water Waste Ordinance

Ever see water running in the street, flooding parking lots, or overflowing fountains? Tucson can’t afford this kind of water waste. So beginning this summer, Tucson Water will start tougher enforce-



ment of the City’s Water Waste Ordinance.

More “Water Cops” will be patrolling the City watching for water wasters and issuing warnings and citations. Water wasters can be fined or given the option to attend a classroom program in proper irrigation and water use. “The ultimate goal isn’t to punish people and collect fines,” says Fernando Molina, Tucson Water’s Water Conservation Manager.

“What we would like to do is make sure we solve the problem by teaching people how to do a better job of using water outdoors.”

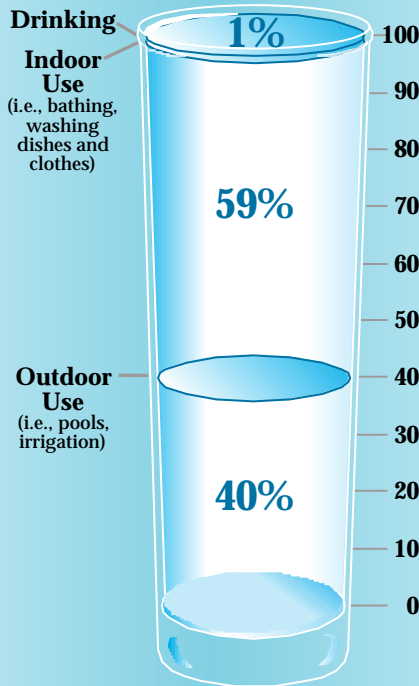
To help customers use water wisely, Tucson Water continues to offer free water audits from its Zanjero Program and analyses of landscapes and irrigation

systems. In addition, Tucson Water is working with other departments of the City of Tucson to educate them about water conservation and improve their water use practices.

If you would like more information about how you can save water, call Tucson Water’s Water Conservation Office at 791-4556. If you’d like to report water waste, call 791-3242.

### How We Use Our Water in Tucson

Average Annual Usage for a Family Home



Reinvesting in Your Water System

## Water Main Replacements Hit 160 Mile Mark



Old, rusted water mains are no asset to our water system, especially if they break and spill precious water. During the past few years, Tucson Water has replaced 160 miles of these galvanized steel mains with new, environmentally friendly PVC pipe. Only about 15 miles of these 60+ year-old pipes remain in our system to be replaced. Tucson Water engineers are also renovating cast iron water mains by lining them with concrete. All main replacement or renovation projects should be complete by the spring of 2001, improving our ability to serve you.

Tucson Water Presentations Available

## Questions, Answers, and the Future of Our Water Supply

Organizations, groups, associations, clubs, and councils... planning your meetings for the new year? Tucson Water staff would like to visit you and discuss what the future holds for water in our community. We can offer a

slide presentation with time for questions and answers or just about any format that would be convenient for you. Call our speakers' bureau at 791-4331 and we'll schedule a date and time that's good for you.

Visit the Tucson Water Web Site at <http://www.ci.tucson.az.us/water/>

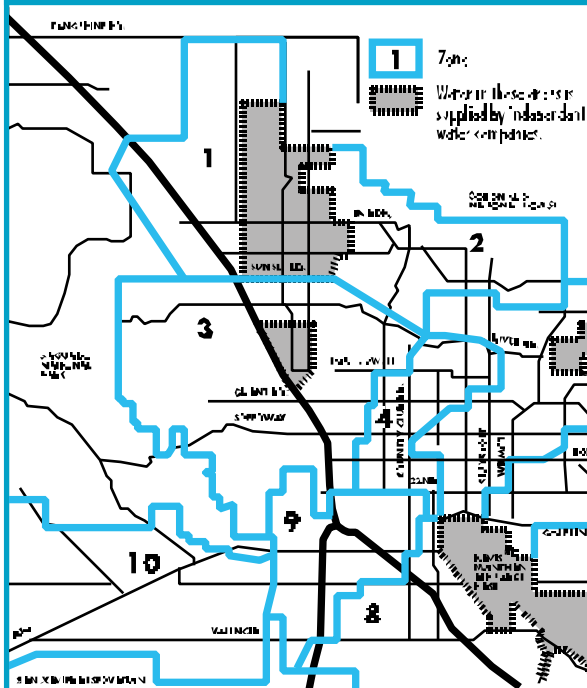


*The Water Connection* is produced by Tucson Water. To receive a copy, or to receive this information in Spanish, call 791-4331 or mail your request to:  
Customer Information  
P.O. Box 27210  
Tucson, AZ 85726-7210

City of Tucson  
TTY number: 791-2639  
Si usted desea este documento escrito en español, por favor, llame al 791-4331.

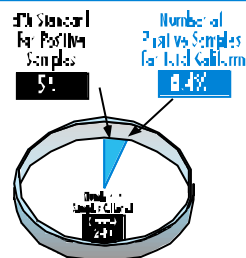
# GROUNDWATER QUALITY REPORT - October 1999

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average Range	48 34-56	39 33-44	44 21-95	34 24-57	33 23-44	30 25-40	30 19-38	41 33-49	46 29-95	40 35-42	38 19-95
Mineral Content (ppm)	Average Range	385 198-508	277 255-300	300 171-635	227 184-458	231 163-287	227 183-262	220 156-296	336 260-485	269 205-372	217 209-223	262 156-635
Hardness (ppm)	Average Range	172 71-274	116 90-133	128 54-321	91 66-181	96 53-120	99 69-124	95 50-147	161 97-288	97 54-136	74 63-80	110 50-321
pH (units)	Average Range	7.7 7.4-8.2	7.9 7.7-8.0	7.8 7.3-8.3	8.0 7.5-8.2	7.9 7.3-8.2	7.9 7.2-8.2	7.9 7.3-8.4	7.8 7.6-8.1	8.0 7.6-8.4	8.0 7.7-8.2	7.9 7.2-8.4
Temperature (deg F)	Average Range	81 75-86	79 72-86	81 72-93	84 73-89	82 76-86	80 71-87	83 77-89	83 76-88	85 82-91	86 81-89	82 71-93



## COLIFORM BACTERIA TESTING RESULTS - October 1999

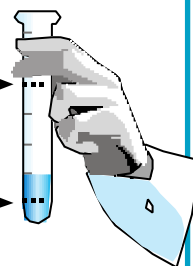
### Groundwater Quality Report



### Chlorine Level Average

Range = 0.8 to 1.2 ppm

Monthly Average 0.9 ppm



One part per million (ppm) is the same as one second of time in 11.6 days.

To give you a more accurate measurement of the water quality in your neighborhood, the Tucson Water service area has been divided into 10 zones based on

differences in water pressure and water quality. For a detailed description of the zone boundaries, call 791-4331.